

(57) Abstract:

This publication discloses an acoustically active element formed in a multi-layer circuit-board structure (20, 22, 24, 25), a method for manufacturing it, and a multi-layer circuit-board structure. The acoustically active element includes an internal chamber (21) and a membrane (18) or beam arranged in connection with the internal chamber (21), which acts as a vibrating element and is connected electrically to external circuits, in order to produce or measure an acoustic effect. According to the invention, the resonance chamber (21) is formed inside the multi-layer circuit-board structure (20, 22, 24, 25), in connection with the process of manufacturing the circuit board.

(Figure 16e)